EXAMPLES

FILEID**USSTEST

```
UU        UU    SSSSSSS    SSSSSSS    TTTTTTTTTT    EEEEEEEEEE    SSSSSSS    TTTTTTTTTT
UU        UU    SSSSSSS    SSSSSSS    TTTTTTTTTT    EEEEEEEEEE    SSSSSSS    TTTTTTTTTT
UU        UU    SS         SS             TT        EE           SS             TT
UU        UU    SS         SS             TT        EE           SS             TT
UU        UU    SS         SS             TT        EE           SS             TT
UU        UU    SS         SS             TT        EE           SS             TT
UU        UU    SSSSSS     SSSSSS         TT        EEEEEEE      SSSSSS         TT
UU        UU    SSSSSS     SSSSSS         TT        EEEEEEE      SSSSSS         TT
UU        UU        SS         SS         TT        EE               SS         TT
UU        UU        SS         SS         TT        EE               SS         TT
UU        UU        SS         SS         TT        EE               SS         TT
UU        UU        SS         SS         TT        EE               SS         TT
UUUUUUUUUU    SSSSSSS    SSSSSSS         TT        EEEEEEEEEE    SSSSSSS        TT
UUUUUUUUUU    SSSSSSS    SSSSSSS         TT        EEEEEEEEEE    SSSSSSS        TT
```

```
MM        MM    AAAAAA     RRRRRRR
MM        MM    AAAAAA     RRRRRRRR
MMMM    MMMM    AA    AA    RR      RR
MMMM    MMMM    AA    AA    RR      RR
MM  MM  MM      AA    AA    RR      RR
MM  MM  MM      AA    AA    RR      RR
MM      MM      AA    AA    RRRRRRRR
MM      MM      AA    AA    RRRRRRRR
MM      MM      AAAAAAAAAA  RR  RR
MM      MM      AAAAAAAAAA  RR  RR
MM      MM      AA    AA    RR    RR
MM      MM      AA    AA    RR    RR
MM      MM      AA    AA    RR      RR
MM      MM      AA    AA    RR      RR
```

```
        .TITLE  USSTEST
        .IDENT  'V04-000'
;**********************************************************************
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;**********************************************************************

; Facility: Example of User Written System Services
;++
; Abstract:
;        This module contains an example of a program that invokes a sample
;        user-written system service that is contained in a privileged
;        shareable library.  The module USSDISP contains the sample service
;        and associated dispatching code being invoked by this simple test
;        program.
;--
; Link Command File:
;
;        $ !
;        $ !        Link Command file for USSTEST
;        $ !
;        $ LINK USSTEST/MAP/FULL,SYS$INPUT/OPTIONS
;        !
;        !        Options file for USSTEST
;        !        USS.EXE/SHARE
;--
BUF:    .LONG   0                           ; Location to receive TODR contents
        .PAGE
        .SBTTL  Sample invocation of user written system service
;++
; Functional Description:
;        This routine shows an invocation of the example user system service that
;        will read the contents of the time of day register.
;
;        As can be seen by this example, the privileged nature of the code used
```

```
;       to implement the reading of the TODR is not visible to the caller.
;       For coding convenience and better maintainability, the code can be
;       generated by macros patterned on the standard VMS system service macros.
;--

        .ENTRY  USSTEST,^M<>            ; Entry mask and definition
        PUSHAB  BUF                     ; Build argument list - set address for
                                        ;  return value
        CALLS   #1,G^USER_GET_TODR      ; Invoke routine in privileged library
                                        ;  to get value from Time-of-day register
        RET                             ;

        .END    USSTEST                 ;
```

LPMULT
B32

DRMAST
MAR

ADDRIVER
MAR

TDRIVER
MAR

ADDRIVER
MAR

USSTEST
MAR

GBLSECUFO
MAR

USSDISP
MAR

DOD ERAPAT
MAR

LBRMAC
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XADRIVER
MAR

LABIOCIN
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DRSLV
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DTE DF03
MAR

WORKQ
LIS

SCRFT
MAR

EXAMPLES